

FIG. 1

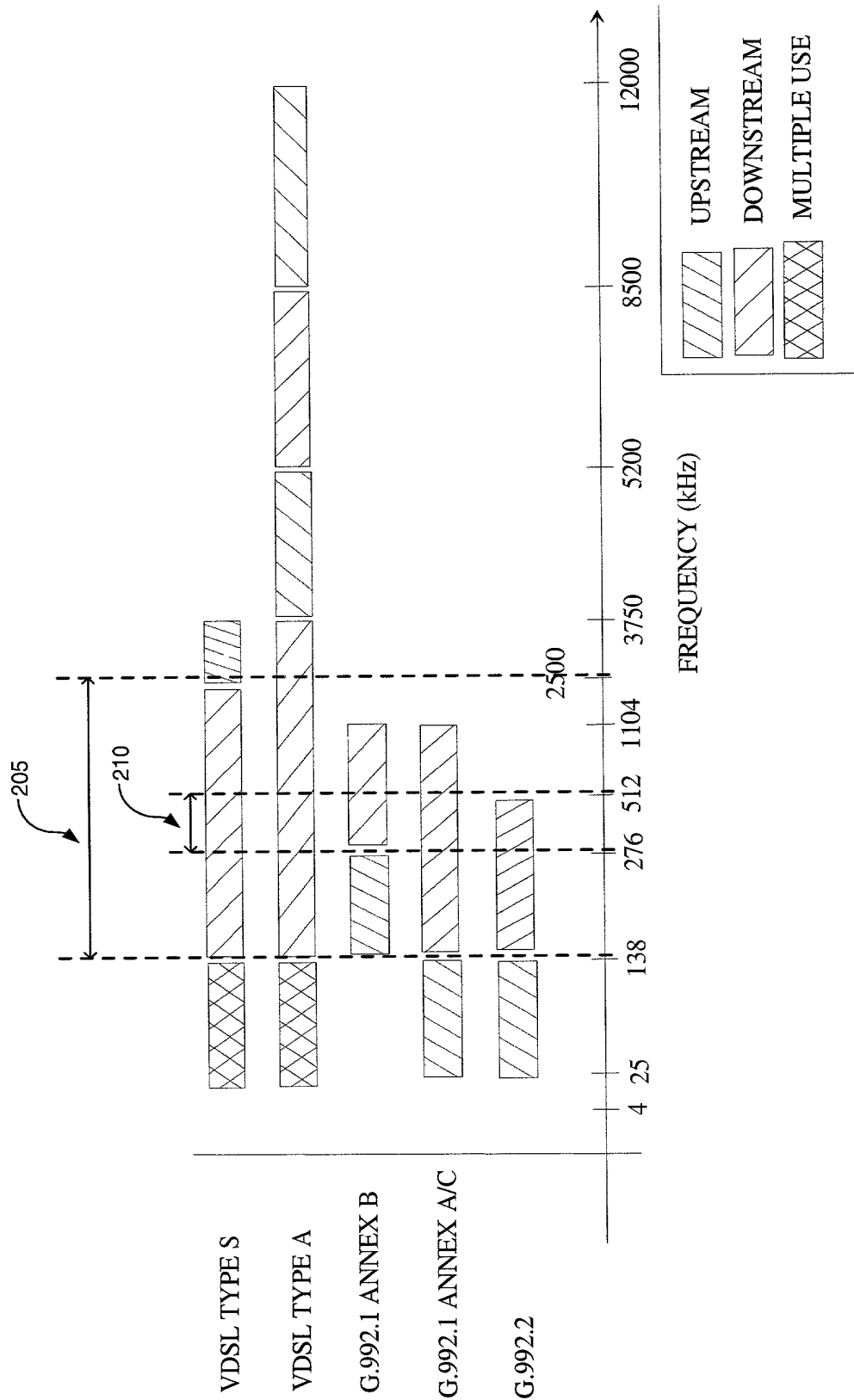


FIG. 2

Central xDSL Modem						Remote xDSL Modem			Operation	Case #
Capability			Select			Capability				
Use	Up	Down	Use	Up	Down	Use	Up	Down		
0	X	X	X	X	X	X	X	X	None	1
0	X	X	X	X	X	1	X	X	None	2
1	X	X	X	X	X	0	X	X	None	3
1	1	X	1	1	0	1	1	X	Up	4
1	X	1	1	0	1	1	X	1	Down	5

VDSL Optional Band Usage

FIG. 3

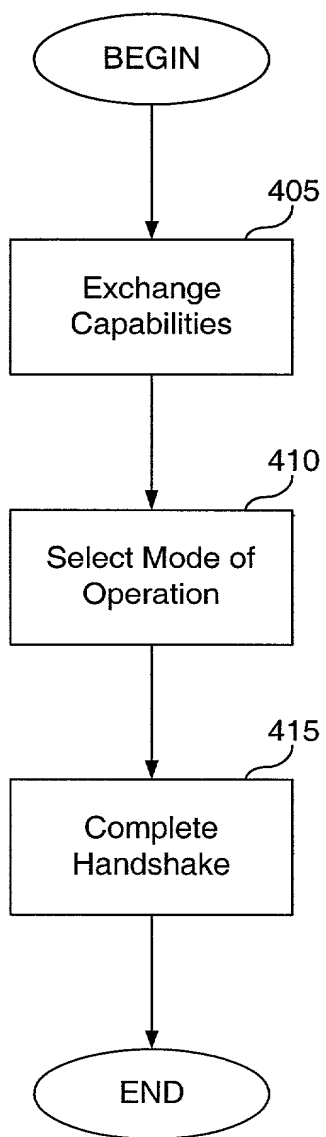
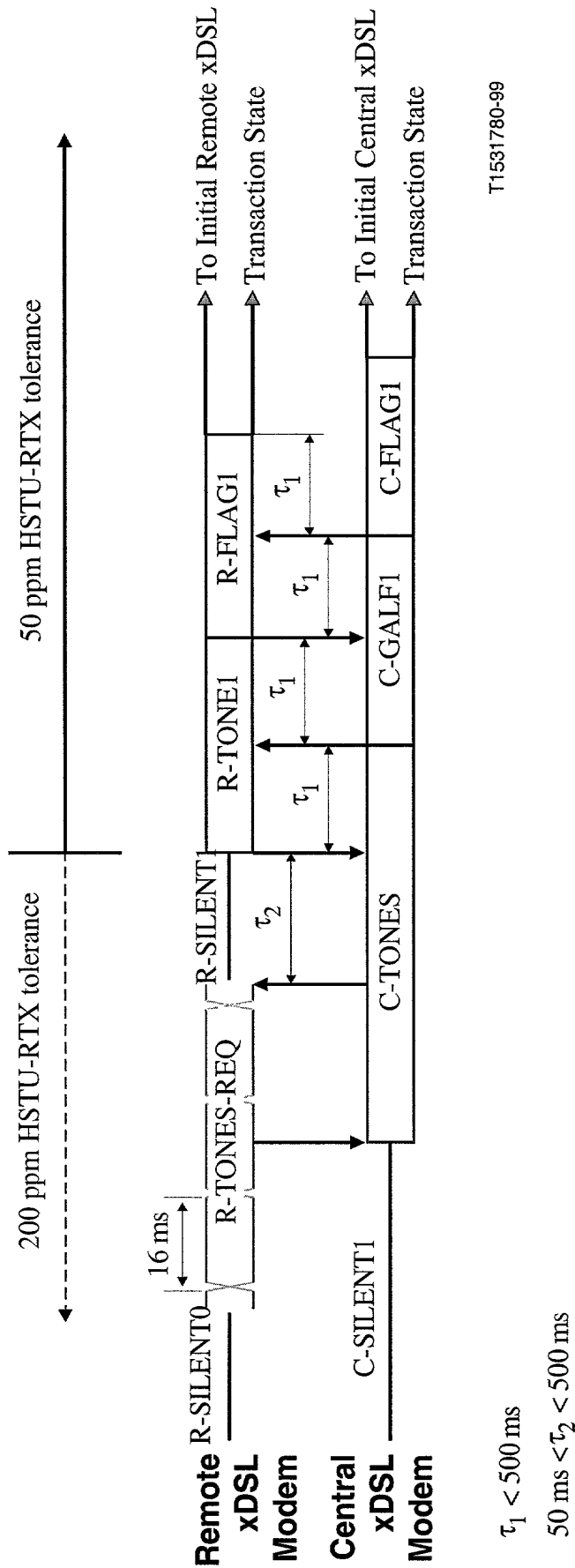


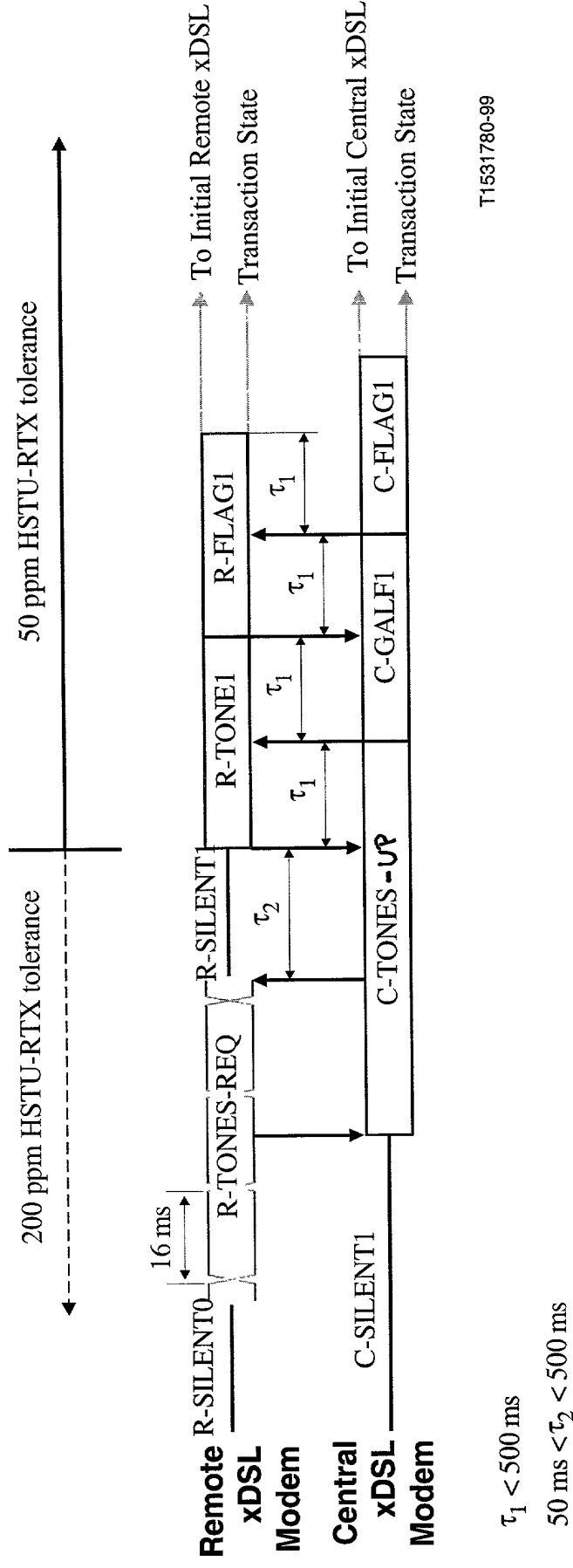
FIG. 4



T1531780-99

Remote xDSL initiated duplex start-up procedure

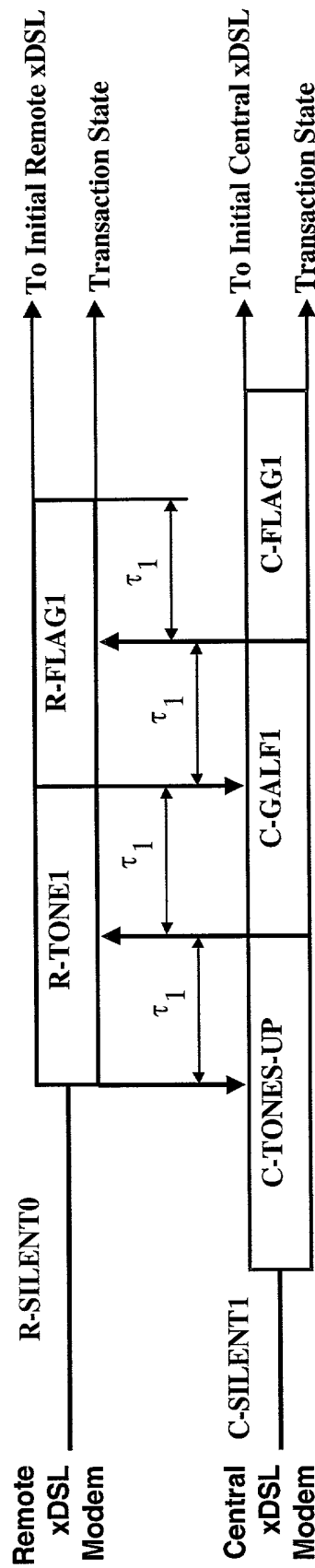
FIG. 5



T1531780-99

Remote xDSL initiated duplex start-up procedure

FIG. 6



$T_1 < 500 \text{ ms}$

FIG. 7